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S/N 09/751,962

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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|-------------|---|-----------------|---------------|
| Applicant:  | CATCHESIDE                                      | Examiner:       | D. LAMBERTSON |
| Serial No.: | 09/751,962                                      | Group Art Unit: | 1636          |
| Filed:      | DECEMBER 29, 2000                               | Docket No.:     | 10552.13USC1  |
| Title:      | REAGENTS AND METHODS FOR DIVERSIFICATION OF DNA |                 |               |

CERTIFICATE UNDER 37 CFR 1.10:

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I hereby certify that this paper or fee is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Commissioner for Patents, Mail Stop AF, P.O. Box 1450, Alexandria, VA 22313-1450.

By:

Name: Teresa Anderson

DECLARATION UNDER 37 C.F.R. § 1.132

I, Dr. David, E.A. Catcheside, state the following:

1. I am a Professor of Biological Sciences, Deputy Head School of Biological Sciences at Flinders University, in South Australia.
2. I am the inventor of the above-identified patent application entitled "Reagents and Methods for Diversification of DNA."
3. I have read and understand the Office Action from the United States Patent Office mailed on August 26, 2003.
4. The Examiner has made a "written description" rejection of claims 1-3, 8-36, and 42-69. The Examiner asserts that the patent application as filed does not adequately describe the eukaryotic hot spots used in my method for diversifying genes. I disagree. In fact, my application as filed, together with what was known at the time the application was filed, provides thorough description of my inventive method that uses eukaryotic hot spots.
5. It is generally known that there are only about sixty (60) types of eukaryotes. See, e.g., Patterson, American Naturalist 154 (supp) (S96-S124) (1999). My patent application describes, by organism, the location of at least twenty-four (24) eukaryotic hot spots. The hotspots described in my patent application include:

Of considered  
5/20/04